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filter was not brought about as a result of an object to be removed as found in a conventional filter, but instead by characteristics specific to blood. In other words, the inventors found that the rise of the pressure loss was caused by platelets and other coagulation factors in blood which were activated by their sudden contact with a filter material forming a blocking membrane, disturbing a smooth blood flow.--.

IN THE CLAIMS:

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Cancel claims 1-7.

Add the following new claims:

--8. (new) A filter for filtering blood, comprising:

a coiled core with a hollow center, said core having a blood filter layer having a first surface and a second surface opposite said first surface and a spacer layer having a third surface and a fourth surface opposite said third surface, blood flowing more easily through said spacer layer than through said blood filter layer,

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one of said first surface of said blood filter layer and said fourth surface of said spacer layer defining an outer circumference of said coiled core,

said blood filter layer and said spacer layer being coiled so that inside said coiled core said first surface of said blood filter directly contacts said third surface of said spacer layer and said second surface of said blood filter layer directly contacts said fourth surface of said spacer layer; and